

CVM-1810E



A large 18-inch, 114-degree Trinitron color TV monitor incorporates both PAL and NTSC color videocassette viewing facilities.

SONY

Features

■ **Monitors picture and sound just recorded** from a colour video camera, VTR, U-matic videocassette recorder or any other video sources incorporating PAL system. In addition, it **displays not only colour recordings from PAL VTRs, but both the PAL and modified NTSC colour recording** when used with Sony PAL-version U-matic videocassette recorder or player.

■ **Receives TV programmes off the air—CVM-1810E**: West European standard UHF and VHF colour and monochrome; **CVM-1810UB**: British standard UHF colour and monochrome.

■ **TV programmes off the air can be recorded** using a PAL VTR or U-matic colour videocassette recorder.

■ **Accommodates UHF (M)-type (for video in/out) and 8-pin (for both video and audio ins/outs) connectors, and audio in/out jacks** for broad versatility of applications. Both connectors can be used at the same time.

■ **Sony's unique Trinitron colour system**—one-gun, three-beam structure and Aperture Grille colour selection method—presents a sharper, brighter picture.

■ **Revolutionary 114-degree wide angle deflection picture tube** for further improved colour picture quality with good contrast and high resolution; results in a very compact and slim cabinet; the depth of the set is considerably reduced.

■ **Easy and precise channel presetting** with channel indication meter which shows the optimum tuning position.

■ **AUTO COLOUR and AFT (Automatic Fine Tuning) switches** always tune in the best colour picture automatically on all channels. No need to adjust the hue and colour controls. Manual colour control is also possible for personal preference.

■ **Easy-to-operate push buttons** for channel selection and power on-off switching, and slide volume and picture controls.

■ **Highly reliable solid-state circuitry** including newly developed GCS (Gate Controlled Switch) semiconductor to reduce power consumption.

■ **Continuously variable tone control** for desired tonal quality.

■ **Simple and functional styling**: CVM-1810E—walnut-finish
CVM-1810UB—teak-finish

SPECIFICATIONS

CVM-1810E

Video signal: CCIR 625 lines, 50 fields; EIA 525 lines, 60 fields (Switching of CCIR to EIA or vice versa is automatically done.)

Colour system: Video signal; PAL and modified NTSC (subcarrier 4.43MHz) systems
TV broadcast: PAL system

Picture tube: 10cm (4") dia.

Audio output: 1.5W (10% distortion)

Power requirements: AC 220V (changeable to 120V or 240V by resoldering transformer lead), 50/60Hz

Power consumption: 150W

Dimensions: 577(W)×403(H)×371mm(D) (22½×15½×14½")

Weight: 34.0kg (74 lb 14 oz)

Supplied accessories: Earpiece (earphone)
Polishing cloth
Monitor connecting cable VMC-3P (3m)

Optional accessories: Sony Cosmic Aerial (antenna) for both VHF and UHF AN-24

TV signal standards: West European TV standards (CCIR system B, G, and H), in colour and monochrome

Channel coverage: VHF E2 - E4 (Band I)
VHF E5 - E12 (Band III)
UHF E21 - E68 (Band IV & V)

Aerial (antenna) system: External aerial socket for 75-ohm VHF and UHF aerials

CVM-1810UB

Video signals: CCIR 625 lines, 50 fields; EIA 525 lines, 60 fields (Switching of CCIR to EIA or vice versa is automatically done.)

Colour system: Video signal; PAL and modified NTSC (subcarrier 4.43MHz) systems
TV broadcast: PAL system

Picture tube: Trinitron tube 45.7cm (18"), 114-degree deflection angle

Speaker: 10cm (4")

Audio output: 1.5W (10% distortion)

Power requirements: AC 240V (changeable to 120V or 220V by resoldering transformer lead), 50/60Hz

Power consumption: 150W

Dimensions: 577(W)×403(H)×371mm(D) (22½×15½×14½")

Weight: 34.0kg (74 lb 14 oz)

Supplied accessories: Earpiece (earphone)
Polishing cloth
Monitor connecting cord VMC-3P (3m)

TV signal standards: British standards, in colour and monochrome

Channel coverage: UHF E21 - E68

Aerial (antenna) system: External aerial socket for 75-ohm UHF aerial

Optional accessory: UHF parabolic aerial AN 55-B2
AN 55-B3

Input/Output Specifications

	Mode	Signal	Connector	Signal level	Impedance	Remarks
IN	MONITOR	VIDEO	8-pin (pins 2 & 6)	1.0Vp-p	75 Ω	PAL, NTSC (modified) sync negative
	LINE	VIDEO	UHF coaxial connector	1.0Vp-p	75 Ω	PAL, NTSC (modified) sync negative
OUT	TV	VIDEO	UHF coaxial connector	1.0Vp-p	75 Ω	PAL, NTSC (modified) sync negative
	VTR	VIDEO	8-pin (pins 3 & 4)	1.0Vp-p	75 Ω	PAL sync negative
	MONITOR	VIDEO	UHF coaxial connector	1.0Vp-p	75 Ω	PAL, NTSC (modified) sync negative
IN	VTR	AUDIO	8-pin (pins 1 & 5)	0 dB	high imp	
	LINE	AUDIO	Mini jack	0 dB	high imp	
OUT	TV	AUDIO	Mini jack	0 dB	2K Ω	
	VTR	AUDIO	8-pin (pins 7 & 8)	-20 dB	2K Ω	
	MONITOR	AUDIO	Mini jack	0 dB	2K Ω	

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